Tower building with algorithms
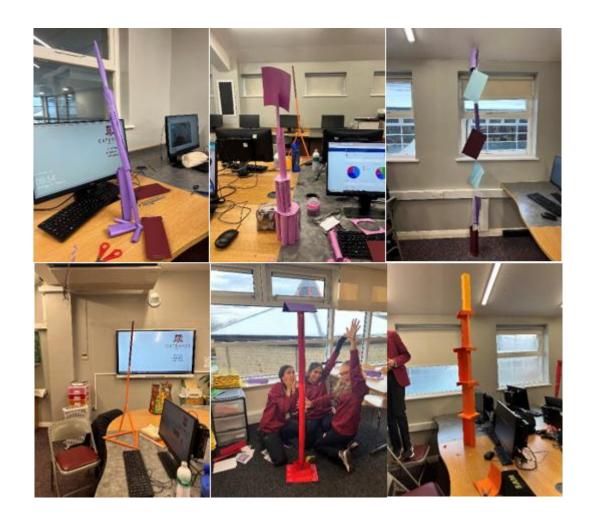

In computer science, we have been focusing on an unplugged activity to think about what an algorithm is. This was in anticipation of making the final decisions for GCSE options choices in Upper 4. Being able to think through and create a sequence of steps to come to a solution is imperative when programming.

All pupils were tasked with creating a tower from only 6 pieces of A4 card, 2m of Sellotape and it had to be free standing (the last of which was overlooked by a few groups in a rush to get the tallest tower and others to just be thinking outside the box)

Our overall winners however were Alex G, Alex S, Leo and Sam with their tower reaching 155cm. Second place managed to get to 147cm which was Nancy, Tahlia, Lola and Sophia.

Please see some of the wonderful creations above. My personal favourite is the 'free standing' one (top right) hanging from the ceiling.

Mrs Alexandra Holmes